

Discussion Group T20: Torsional Monitoring

Leaders:

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- Thomas Eldridge (Shell)
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Suggested Topics:

- Recent Torsional Related Incidents
 - Torsionally Induced Coupling Slips and Failures
 - VFD induced torsional failures
 - Other Incidents
- Contractual Requirements
 - FAT measurement, Commissioning measurement, or Continuous Monitoring?
 - End user mandates of torsional verification – What's Important?
 - Verify Natural frequency?
 - Verify Separation Margin?
 - Verify Absence of Destructive Excitation Sources?
- Torsional Measurement
 - Mean torque vs dynamic torque measurement
 - Measurement Devices currently available
 - Permanent vs Temporary
 - Frequency vs Amplitude and Frequency
 - Development Efforts